

## Remarks

### Support for amendments to the specification

- (1) The description of FIGS. 2A and 2B is amended to insert sequence identifiers and to correct an obvious error, which is apparent from inspection of FIGS. 2A and 2B. The original description recited that the figures showed the sequence of TB1 and TB2 genes. The figures, however, show protein sequences.
- (2) Table IV has been amended to explain that "\*" in SEQ ID NO:147 indicates "Xaa." The asterisks were left in SEQ ID NO:147 in the table to maintain alignment of SEQ ID NO:147 with SEQ ID NOS:148-154. In the amended sequence listing, however, SEQ ID NO:147 contains "Xaa" in place of the asterisks.
- (3) The sequence listing is amended to relative to that in the issued patent as follows:
  - a. A proline residue has been inserted at position 173 of SEQ ID NO:7.
  - b. Clerical corrections have been made to SEQ ID NOS:68 and 76 ("C" instead of "G" at position 24 of SEQ ID NO:68 and "C" instead of "G" at position 20 of SEQ ID NO:76). These sequences were corrected to conform to the sequences designated as SEQ ID NO:68 and SEQ ID NO:76 in Table III.
  - c. SEQ ID NOS:103-154 have been added. SEQ ID NOS:103-146 are sequences originally present in Table III. SEQ ID NOS:147-154 are sequences originally present in Table IV.

A new computer disk containing the amended sequence listing in ASCII accompanies this amendment. The paper copy of the amended sequence listing, the contents of the new

computer disk, and the contents of the previously filed computer readable format of the substitute sequence listing filed March 8, 2002 are the same in substance.

Original patent

The original Letters Patent accompanies this amendment.

Drawings

Forty sheets of formal drawings for FIGS. 1-7 accompany this amendment.

Supplemental Reissue Declaration

A supplemental reissue declaration executed by each of the inventors accompanies this amendment.

Respectfully submitted,

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